

## GROUNDWATER USE RESTRICTION GIS REGISTRY INFORMATION

Please use this form as a checklist and keep it in the front of the case file for Lisa's reference. If you create the PDF rather than Lisa, please use this form as a coversheet for the PDF file.

**SITE NAME:** NIAGARA PAPER MILL - SCALEHOUSE

**BRRTS #:** 03-38-002189

**CLOSURE DATE:** 10/15/2001

**STREET ADDRESS:** 1101 Mill Street

**CITY:** Niagara

**CLOSURE:** ☐ Pending ☒ Conditions Met

**OFF SITE CONTAMINATION:** ☐ Yes ☒ No

**IF YES, STREET ADDRESS 1:**

**IF YES, STREET ADDRESS 2:**

**IF YES, STREET ADDRESS 3:**

**IF YES, STREET ADDRESS 4:**

**IF YES, STREET ADDRESS 5:**

**CONTAMINATION IN RIGHT OF WAY:** ☐ Yes ☒ No

**DOCUMENTS NEEDED:**

Closure Letter

Copy of Deed(s) for all impacted properties

General Site Location Map within Municipality

Detailed Site Map(s) for all impacted properties

Latest Groundwater Flow/MW Location Map

Latest Extent of Contaminant Plume Map

Latest Tables of Groundwater Analytical Results

Copies of off site notification letters (if applicable)

RP Certified statement that legal descriptions are complete and accurate

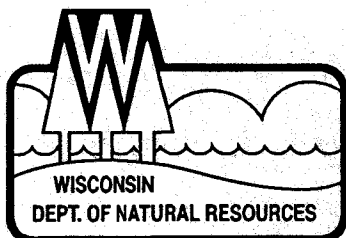
Legal Description of all impacted properties(if not included above)

Geologic Cross Section (if available)

Letter informing ROW owner of residual contamination (if applicable)

X
X
X
X
X
X
X

File



## State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Scott McCallum, Governor  
Darrell Bazzell, Secretary  
Ronald W. Kazmierczak, Regional Director

Peshtigo Service Center  
PO Box 208  
101 N. Ogden Road  
Peshtigo, Wisconsin 54157  
Telephone 715-582-5048  
FAX 715-582-5005

October 15, 2001

David Schmutzler  
Environmental Superintendent  
Stora Enso North America – Niagara Mill  
1101 Mill Street  
Niagara, WI 54151-1432

SUBJECT: Final Case Closure By Closure Committee With Conditions Met  
Niagara Paper Mill Scalehouse, 1101 Mill St., Niagara, WI  
WDNR BRRTS # 03-38-002189

Dear Mr. Schmutzler:

On September 28, 1999, your site as described above was reviewed for closure by the Northeast Region Closure Committee. This committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. On October 8, 1999, you were notified that the Closure Committee had granted conditional closure to this case.

On September 27, 2001, the Department received correspondence indicating that you have complied with the conditions of closure. The Department received a copy of the groundwater use restriction filed with the Marinette County Register of Deeds Office at this time, and had previously received monitoring well abandonment forms on January 4, 2001. Based on the correspondence and data provided, it appears that your site has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code. The Department considers this case closed and no further investigation, remediation or other action is required at this time.

Please be aware that this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety or welfare, or the environment.

The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at 715-582-5048.

Sincerely,

Cathy J. Rodda  
Hydrogeologist  
Bureau for Remediation & Redevelopment

cc: John Trask, STS Consultants

SCHEDULE A - Page 2

Commitment Number M-7183 • Amendment Am #1 • Applicant Atty. Daniel A. Bueide

East:

(Parcel 261-00083-000)

PARCEL #4

Government Lot Three (3) of Section 10, Township 38 North, Range 20 East:

Parcel 261-00085-000

PARCEL #5

Government Lot Four (4) of Section 10, Township 38 North, Range 20 East:

(Parcel 261-00085-000)

PARCEL #6

That part of Government Lot Five (5) of Section 10, Township 38 North, Range 20 East lying Northerly and Easterly of a line described as: Beginning at the intersection of the west line of said Lot 5 and the north boundary of the recorded plat of "Kimberly Clark Company's First Addition to the Village of Niagara" (the northwest corner of Lot 4, Block "G" of said plat); thence South 71° 45' East 459.32 feet; thence North 18° 15' East 17.00 feet; thence South 71° 45' East 69.68 feet; thence North 18° 15' East 5.00 feet; thence South 71° 45' East 264.43 feet; thence North 69° 49' East 20.37 feet; thence North 19° 10' West 75 feet, more or less, to the south wall of Warehouse No. 44; thence Easterly along said wall 80 feet; thence North 75° 31' 40" East 60.30 feet; thence Easterly 60.9 feet to a point which is North 20° 11' West 27 feet from the northeast corner of Lot 5, Block "E" of said plat; thence South 20° 11' East 27 feet to said lot corner; thence North 69° 49' East 237.00 feet; thence South 20° 11' East 120.0 feet to the north line of Main Street as Platted; thence North 69° 49' East along said extended 178 feet, more or less, to the southwesterly shore of the Menominee River as platted; thence Southeasterly along said shoreline adjoining Mill Street (as platted) and Block "B" of said plat to the Point of Ending at the south line of said Government Lot 5 EXCEPTING THEREFROM THOSE PARTS THEREOF DESCRIBED AS:

EXCEPTION #1

That part of Government Lot 5 (SE1/4-SW1/4) of Section Ten (10) of Township Thirty-eight (38) North, Range Twenty (20) East.

Schedule A of M-7183 consists of 10 Page(s)

MARINETTE COUNTY ABSTRACT & LAND COMPANY  
P.O. BOX 286 • 2016 HALL AVENUE  
MARINETTE, WI 54143  
(715)-735-6011 • FAX (715)-735-9333



Document Number

GROUNDWATER USE RESTRICTION

DOC. #: 618980

Recorded  
SEP. 14, 2001 AT 03:00PM

MELANIE I HUEMPFNER  
MARINETTE COUNTY  
REGISTER OF DEEDS  
Fee Amount: \$17.00

Declaration of Restrictions

In Re: Government Lot Three (3) of Section Ten (10),  
Township Thirty-eight (38) North, Range Twenty  
(20) East.

17  
Recording Area

Name and Return Address

STORA ENSO  
ASSN D. Schmutzler  
1101 MILL ST  
NIAGARA W. 59151-1432

STATE OF WISCONSIN )

) ss

COUNTY OF MARINETTE )

261-00085-000 7 P. 1 of 1

Parcel Identification Number (PIN)

WHEREAS, Stora Enso North America Corp., sucessor by merger to Niagara of Wisconsin Paper Corporation, a Wisconsin corporation, is the owner of the above-described property.

WHEREAS, one or more petroleum discharges have occurred on this property. Petroleum contaminated groundwater above ch. NR 140, Wis. Adm. Code enforcement standards existed on this property at the following location(s) on the following date(s): Monitoring well 1 (MW-1): napthalene at 44 micrograms per liter (ug/l) on September 25, 1998. Location of the monitoring well is provided on Figure 1 hereby attached and made part of this restriction.

WHEREAS, it is the desire and intention of the property owner to impose on the property restrictions which will make it unnecessary to conduct further groundwater or soil remediation activities on the property at the present time.

WHEREAS, natural attenuation has been approved by the Department of Natural Resources to remediate groundwater contamination exceeding ch. NR 140, Wis. Adm. Code groundwater standards within the boundaries of this property.

WHEREAS, construction of wells where the water quality does not comply with drinking water standards in ch. NR 809, Wis. Adm. Code is restricted by chs. NR 811 and NR 812, Wis. Adm. Code. Special well construction standards or water treatment requirements, or both, or well construction prohibitions may apply.

NOW THEREFORE, the owner hereby declares that all of the property described above is held and shall be held, conveyed or encumbered, leased, rented, used, occupied and improved subject to the following limitation and restrictions:

Anyone who proposes to construct or reconstruct a well on this property is required to contact the Department of Natural Resources' Bureau of Drinking Water and Groundwater, or its successor agency, to determine what specific requirements are applicable, prior to constructing or reconstructing a well on this property. No well may be constructed on this property unless applicable requirements are met.

If construction is proposed on this property that will require dewatering, or if groundwater is to be otherwise extracted from this property, while this groundwater use restriction is in effect, the groundwater shall be sampled and analyzed for contaminants that were previously detected on the property and any extracted groundwater shall be managed in compliance with applicable statutes and rules.

If construction is proposed on this property that will require excavation of soils in the vicinity of MW-1 soil sample S-3 or S-5, the soils are to be handled as solid waste. Such soils are to be sampled and analyzed for contaminants previously detected on the property and any excavated soils shall be managed in compliance with applicable statutes and rules.

This restriction is hereby declared to be a covenant running with the land and shall be fully binding upon all persons acquiring the above-described property whether by descent, devise, purchase or otherwise. This restriction benefits and is enforceable by the Wisconsin Department of Natural Resources, its successors or assigns. The Department, its successors or assigns, may initiate proceedings at law or in equity against any person or persons who violate or are proposing to violate this covenant, to prevent the proposed violation or to recover damages for such violation.

Any person who is or becomes owner of the property described above may request that the Wisconsin Department of Natural Resources or its successor issue a determination that one or more of the restrictions set forth in this covenant is no longer required. Upon the receipt of such a request, the Wisconsin Department of Natural Resources shall determine whether or not the restrictions contained herein can be extinguished. If the Department determines that the restrictions can be extinguished, an affidavit, attached to a copy of the Department's written determination, may be recorded to give notice that this deed restriction, or portions of this deed restriction, are no longer binding.

By signing this document, Donald J. Wachowiak asserts that he is duly authorized to sign this document on behalf of Stora Enso North America Corporation.

IN WITNESS WHEREOF, the owner of the property has executed this Declaration of Restrictions, this 29<sup>th</sup> day of AUGUST, 2001.

Signature: Donald J. Wachowiak

Printed Name: Donald J. Wachowiak

Title: Vice President, Lightweight Coated Paper

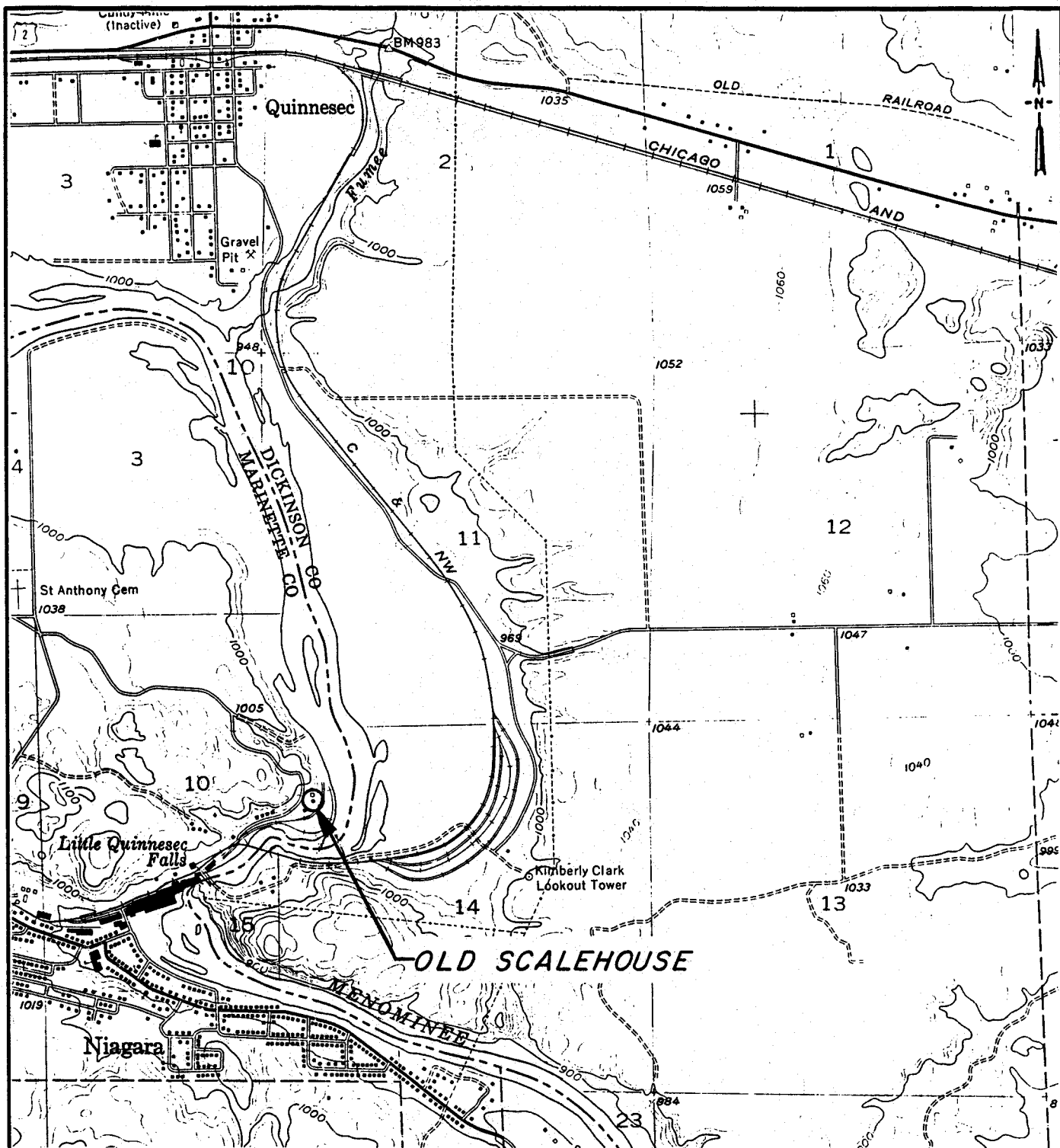
Subscribed and sworn to before me  
this 29<sup>th</sup> day of August, 2001.

Harry D. Strick

Notary Public, State of Wisconsin

My commission expires 8/24/2003

This document was drafted by the Wisconsin Department of Natural Resources based on information provided by Stora Enso North America.



MAP SOURCE: MODIFIED FROM NORWAY, MICH.-WIS. U.S.G.S.  
QUADRANGLE DATED 1955.



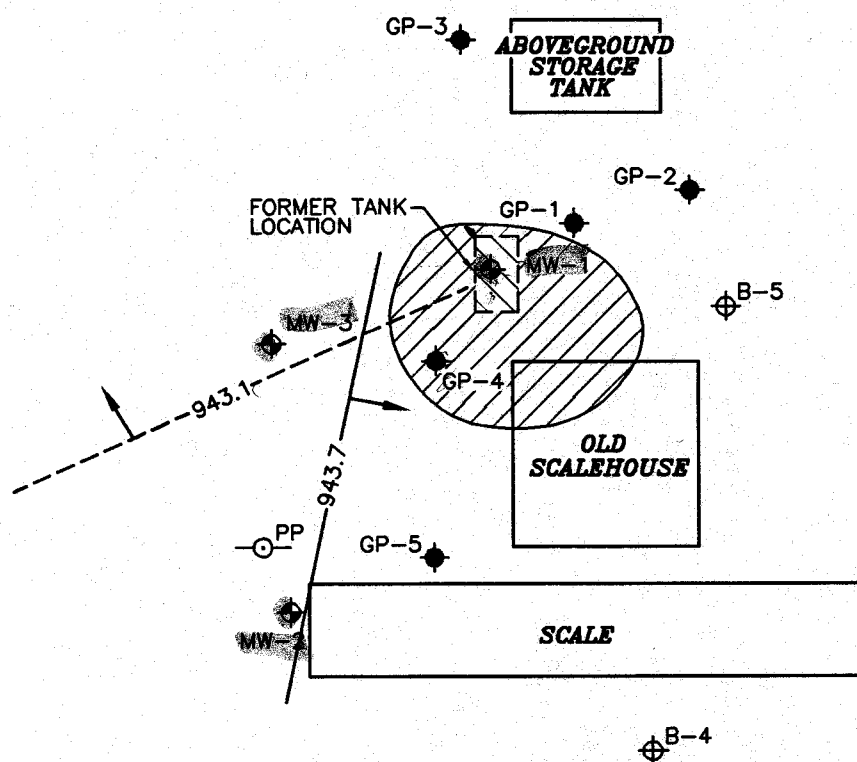
STS Consultants Ltd.  
Consulting Engineers

PROJECT/CLIENT

SITE LOCATION DIAGRAM

OLD SCALEHOUSE  
NIAGARA OF WISCONSIN PAPER CORPORATION  
NIAGARA, WISCONSIN

DRAWN BY	P.D.P.	7-15-96
CHECKED BY	C.D.T.	7-15-96
APPROVED BY	<i>MAB</i>	7-24-96
SCALE	FIGURE NO.	1
1"=2000'		
STS DRAWING NO. 21807W		



### LEGEND

- ◆ GEOPROBE SOIL BORING LOCATION
- ⊕ SOIL BORING LOCATION
- ⊙ MONITORING WELL LOCATION
- GROUNDWATER CONTOUR 4-30-97
- - - GROUNDWATER CONTOUR 7-28-97
- APPROXIMATE FLOW DIRECTION
- ▨ APPROX. EXTENT OF SOIL PETROLEUM HYDROCARBON IMPACTS
- ▨ APPROX. EXTENT OF GROUNDWATER NAPHTHALENE AND XYLENE ES AND PAL EXCEEDENCES



STS Consultants Ltd.  
Consulting Engineers

PROJECT/CLIENT

OLD SCALEHOUSE  
NIAGARA OF WISCONSIN PAPER CORPORATION  
NIAGARA, WISCONSIN

GROUNDWATER FLOW DIRECTION

DRAWN BY R.A.B. 12/22/97

CHECKED BY C.D.T. 12/22/97

APPROVED BY

SCALE 1"=20' FIGURE NO. 2

STS DRAWING NO.

W:\DWG97\21807\W\G48072.DWG





**Table 4**  
**Summary of Groundwater Analytical Results**  
**Old Scalehouse - 21807WB**

Analyte	Monitoring Well																ES	PAL		
	GP-4	GP-5	MW-1				MW-2				MW-3									
	2/28/96	2/29/96	5/21/96	10/21/96	1/23/97	4/30/97	8/29/97	5/21/96	10/21/96	1/23/97	4/30/97	7/28/97	5/21/96	10/21/96	1/23/97	4/30/97	7/28/97			
VOC																				
Benzene	µg/L	<5.0	<0.5	<2.5	2.7	<2.5	<1.7	1.04	<0.5	<0.5	<0.5	<0.4	<0.19	<0.5	<0.5	<0.4	<0.19	5	0.5	
Toluene	µg/L	31	<0.6	31	23	63	82	85	<0.6	<0.6	<0.4	<0.11	<0.6	<0.6	<0.6	<0.4	<0.11	343	0.6	
Ethylbenzene	µg/L	80	<0.6	33	20	34	33	54	2.0	<0.6	<0.2	<0.19	<0.6	<0.6	<0.6	<0.2	<0.19	700	140	
Total Xylenes	µg/L	741	<1.7	396	249	330	278	360	4.2	<1.7	<0.4	1.04 (p)	<1.7	<1.7	<1.7	<0.4	<0.57	620	124	
1,2,4-TMB	µg/L	465	<1.7	217	164	204	154	137	<1.7	<1.7	<0.5	1.45 (p)	<1.7	<1.7	<1.7	0.6 (p)	<0.46	NE	NE	
1,3,5-TMB	µg/L	201	<0.9	106	87	110	81	65	3.2	1	<0.4	3.13	<0.9	<1	<0.9	0.7 (p)	<0.35	NE	NE	
Methylene chloride	µg/L	30*	<1.5	<7.5	NA	NA	NA	NA	<1.5	NA	NA	NA	<1.5	NA	NA	NA	NA	5	0.5	
Naphthalene	µg/L	109	<1.0	127	92	85	109	44	1.8	<1	<0.5	0.89 (p)	<1.0	<1	<1	<0.5	<0.54	40	8	
n-Butylbenzene	µg/L	193	<1.9	112	NA	NA	NA	2.04 (p)	<1.9	NA	NA	NA	<1.9	NA	NA	NA	NA	NE	NE	
sec-Butylbenzene	µg/L	<15	<1.5	<7.5	NA	NA	NA	1.42	<1.5	NA	NA	NA	<1.5	NA	NA	NA	NA	NE	NE	
Isopropylbenzene	µg/L	13	<0.6	3.3	NA	NA	NA	1.75	2.1	NA	NA	NA	<0.6	NA	NA	NA	NA	NE	NE	
p-Isopropylbenzene	µg/L	<13	<1.3	16	NA	NA	NA	2.38	<1.3	NA	NA	NA	<1.3	NA	NA	NA	NA	NE	NE	
n-Propylbenzene	µg/L	<8.0	<0.8	7.4	NA	NA	NA	4.45	<0.8	NA	NA	NA	<0.8	NA	NA	NA	NA	NE	NE	
Styrene	µg/L	NA	NA	NA	NA	NA	0.59	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	100	10	
PAH																				
1-Methylnaphthalene	µg/L	76	0.95	118	NA	NA	NA	NA	<1.0	NA	NA	NA	<1.1	NA	NA	NA	NA	NE	NE	
2-Methylnaphthalene	µg/L	74	2.8	129	NA	NA	NA	NA	<0.97	NA	NA	NA	<1.0	NA	NA	NA	NA	NE	NE	
Sulfate	ppm	NA	NA	NA	<5	36	160	NA	NA	75	50	60	NA	300	280	340	270	>250	>125	
Field Parameter																				
Dissolved Oxygen	ppm	NA	NA	NA	<1	<1	<1	<1	NA	<1	1	1.5	NA	4	3	3	<2.5	4	NE	NE
Nitrate	ppm	NA	NA	NA	0	2.5	<2.5	<2.5	<2.5	<2.5	2.5	<2.5	NA	0	2.5	<2.5	<2.5	10	2	
Ferrous Iron	ppm	NA	NA	NA	>10	>10	>10	>10	NA	1.5	0.1	0.1	NA	0.1	0	0.1	0.1	>0.3	>0.15	
Conductivity	µS	NA	NA	NA	2120	1570	1830	1460	NA	2850	2440	2830	NA	2410	2110	2400	2430	NE	NE	
pH		NA	NA	NA	6.71	7.24	6.91	6.09	NA	6.6	7.46	7.07	7.06	6.81	7.2	7.06	7.34	NE	NE	
Temperature	C	NA	NA	NA	13	14.4	NM	NM	NA	13.2	14.6	14	NA	12	11.5	NM	14	NE	NE	

µg/L = micrograms/liter  
 TMB = Trimethylbenzene  
 ppm = parts/million  
 µS = microsiemens  
 C = degrees Celsius  
 ES = NR 140 Enforcement Standard  
 PAL = NR 140 Preventive Action Limit  
 Method Detection Limit: Values with < symbol  
 NE = None Established  
 NA = Not Analyzed

NR = Not Reported  
 \* = Public Welfare Groundwater Quality Standard  
 (p) = Less than Practical Quantitation Limit  
 92 = ES Exceedence  
 2.7 = PAL Exceedence  
 NM = Not Measured  
 MW-1 collected on 8/29/97. Italics indicate analysis using EPA Method 8260 with no dilution, other values are EPA Method 8200 with 1:2 dilution.  
 \* Methylene chloride is a common laboratory contaminant. No other chlorinated compounds were detected.